Introduction

Accessory information 5
Important safety instructions 6
For best performance 8

Preparation

Connections 9
Battery installation 10
Battery charge 11
Battery replacement 12
Controls and displays 13
Controls 13
Display 15
Setting the date and time 16

Making/Answering Calls

Making calls 17
Answering calls 18
Useful features during a call 19
HOLD button 19
MUTE button 19
Voice enhancer 20
Clarity booster 20
Call share 20
PAUSE button (for PBX/long distance service users) 21
Flash button 21
For Call Waiting service users 21
Temporary tone dialing (for rotary/pulse service users) 21

Phonebook

Using the phonebook 22
Adding items to the phonebook 22
Calling someone in the phonebook . 23
Editing items in the phonebook 23
Erasing items in the phonebook 23
Chain dial feature 24
Copying phonebook items 24
Copying an item 24
Copying all items 25

Caller ID Service

Using Caller ID service 26
Ringer ID and light-up ID 26
Caller list 27
Viewing the caller list and calling back 27
Editing a caller's phone number before calling back 28
Storing caller information into the phonebook 29
Erasing caller information 29

Intercom Features

Intercom 30
Transferring a call 31
Conference calls 32

Programmable Settings

Guide to handset programming 33
Ringer settings 35
Handset ringer volume 35
Handset ringer tone 35
Handset interrupt tone 36
Call options 36
Auto talk 36
Voice enhancer 37
Caller ID edit 37
Display options 38
Handset LCD contrast 38
Display language 38
Telephone settings 38
Dialing mode 38
Flash time 38
Line mode 39
Other options 39
Handset key tone 39
Re-registering the handset 39
Time adjustment (Caller ID subscribers only) 40
Customer support 40
Programming via direct commands . . . 41
Direct commands chart 41

Answering System Features

Answering system 43
Recording your greeting message 43
Erasing your greeting message 44
Pre-recorded greeting message 44
Turning the answering system on/off . . 44
Screening your calls 44
Listening to messages 45
Listening to messages using the base unit 45

Listening to messages using the handset 46
Memory capacity 47
Remote operation 48
Using the answering system remotely 48
Answering system settings 49
Remote code 49
Ring count 50
Caller's recording time 51
Message alert 51

Useful Information

Wall mounting 52
Base unit 52
Charger unit 54
Belt clip 55
Headset (optional) 55
Error messages 56
Troubleshooting 57
General use 57
Programmable settings 57
Making/answering calls, Intercom . . 58
Phonebook 59
Caller ID 59
Answering system 60
Battery charge 61
Power failure 62
FCC and other information 63
Specifications 66
Base unit 66
Handset 66
Charger unit 66
Warranty 67
Customer services 69

Index

Index 70

Thank you for purchasing a Panasonic cordless telephone.

We recommend keeping a record of the following information for future reference.

Serial No. (found on the bottom of the unit)

Date of purchase

Name and address of dealer

Attach your purchase receipt here.

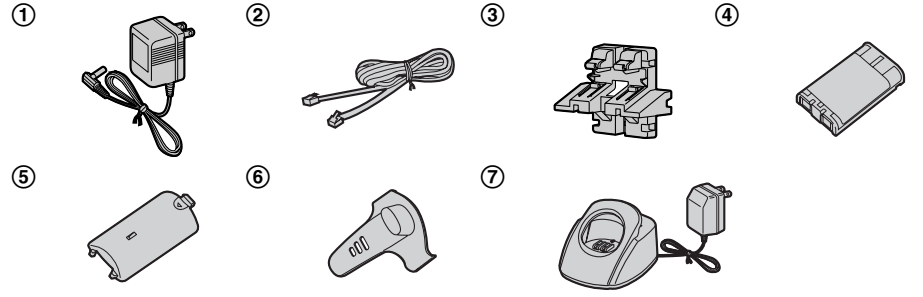
Energy Star:
As an ENERGY STAR® Participant, Panasonic has determined that this product meets the ENERGY STAR guidelines for energy efficiency. ENERGY STAR is a U.S. registered mark.

Accessory information

Included accessories

To order replacement accessories, call 1-800-332-5368.
TTY users (hearing or speech impaired users) can call 1-866-605-1277.

No.	Accessory items	Order number	Quantity
①	AC adaptor for base unit	PQLV1Y	1
②	Telephone line cord	PQJA10075Z	1
③	Wall mounting adaptor	PQKL10068Z2	1
④	Battery	HHR-P104	2
⑤	Handset cover	PQYNTG5432MR	2
⑥	Belt clip	PQKE10396Z2	2
⑦	Charger	PQLV30030ZM	1
	AC adaptor for charger	KX-TCA1-2	1



Additional/replacement accessories

Accessory items	Order number
Rechargeable nickel metal hydride (Ni-MH) battery	HHR-P104
Headset	KX-TCA60, KX-TCA86, KX-TCA88, KX-TCA88HA, KX-TCA91, KX-TCA92, or KX-TCA98
Battery back-up power supply	KX-TCA200

Important safety instructions

When using this unit, basic safety precautions should always be followed to reduce the risk of fire, electric shock, or personal injury.

1. Read and understand all instructions.
2. Follow all warnings and instructions marked on this unit.
3. Unplug this unit from power outlets before cleaning. Do not use liquid or aerosol cleaners. Use a damp cloth for cleaning.
4. Do not use this unit near water, for example near a bathtub, wash bowl, kitchen sink, etc.
5. Place the unit securely on a stable surface. Serious damage and/or injury may result if the unit falls.
6. Do not cover slots and openings on the unit. They are provided for ventilation and protection against overheating. Never place the unit near radiators, or in a place where proper ventilation is not provided.
7. Use only the power source marked on the unit. If you are not sure of the type of power supplied to your home, consult your dealer or local power company.
8. Do not place objects on the power cord. Install the unit where no one can step or trip on the cord.
9. Do not overload power outlets and extension cords. This can result in the risk of fire or electric shock.
10. Never push any objects through slots in this unit. This may result in the risk of fire or electric shock. Never spill any liquid on the unit.
11. To reduce the risk of electric shock, do not disassemble this unit. Take the unit to an authorized service center when service is required. Opening or removing covers may expose you to dangerous voltages or other risks. Incorrect reassembly can cause electric shock when the unit is subsequently used.
12. Unplug this unit from power outlets and refer servicing to an authorized service center when the following conditions occur:
    A. When the power cord is damaged or frayed.
    B. If liquid has been spilled into the unit.
    C. If the unit has been exposed to rain or water.
    D. If the unit does not work normally by following the operating instructions. Adjust only controls covered by the operating instructions. Improper adjustment may require extensive work by an authorized service center.
    E. If the unit has been dropped or physically damaged.
    F. If the unit exhibits a distinct change in performance.
13. During thunderstorms, avoid using telephones except cordless types. There may be a remote risk of an electric shock from lightning.
14. Do not use this unit to report a gas leak, when in the vicinity of the leak.

SAVE THESE INSTRUCTIONS

CAUTION:

Installation

- Never install telephone wiring during a lightning storm.
- Never install telephone jacks in wet locations unless the jack is specifically designed for wet locations.
- Never touch uninsulated telephone wires or terminals unless the telephone line has been disconnected at the network interface.
- Use caution when installing or modifying telephone lines.

- Do not touch the plug with wet hands
  The AC adaptor is used as the main
  disconnect device. Ensure that the
  outlet is installed near the unit and
  easily accessible.

Battery

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For best performance

Base unit location/noise

The base unit and handset use radio waves to communicate with each other. For maximum distance and noise-free operation, we recommend the following:

- Placing the unit away from electrical appliances such as a TV, personal computer or another cordless phone.
- Placing the base unit in a HIGH and CENTRAL location with no obstructions such as walls.
- Raising the antennas vertically.
- If you use the handset near a microwave oven which is being used, noise may be heard. Move away from the microwave oven and closer to the base unit.
- If you use the handset near another cordless phone's base unit, noise may be heard. Move away from the other cordless phone's base unit and closer to your base unit.

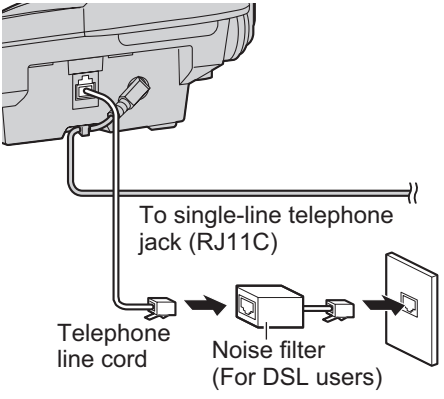
Environment

- Keep the unit away from electrical noise generating devices, such as fluorescent lamps and motors.
- The unit should be kept free from excessive smoke, dust, high temperature and vibration.
- The unit should not be exposed to direct sunlight.
- Do not place heavy objects on top of the unit.
- When you leave the unit unused for a long period of time, unplug this unit from power outlet.
- The unit should be kept away from heat sources such as heaters, kitchen stoves, etc. It should not be placed in rooms where the temperature is less than 5 °C (41 °F) or greater than 40 °C (104 °F). Damp basements should also be avoided.
- The maximum calling distance may be shortened when the unit is used in the following places: Near obstacles such as hills, tunnels, undergrounds, near metal objects such as wire fences, etc.
- Operating near 5.8 GHz electrical appliances may cause interference. Move away from the electrical appliances.

Routine car

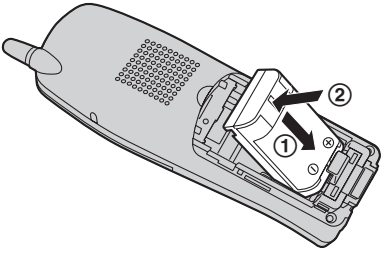
If you subscribe to a DSL service

- Please attach a noise filter (contact your DSL provider) to the telephone line between the base unit and the telephone line jack in the event of the following:
  – Noise is heard during conversations.
  – Caller ID features (page 26) do not function properly.

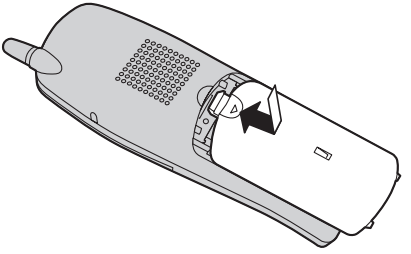


Battery installation

1 Insert the battery (①), and press it down until it snaps into the compartment (②).



2 Close the handset cover.



Battery performance

After your Panasonic battery is fully charged, you can expect the following performance:

Operation	Operating time
While in use (talking)	Up to 5 hours
While not in use (standby)*1	Up to 11 days
While using the Clarity Booster feature (page 20)	Up to 3 hours

*1 Handset is off the base unit or charger but not in use.

Note:

- Battery power is consumed whenever the handset is off the base unit or charger, even when the handset is not in use. The longer you leave the handset off the base unit or charger, the shorter you can actually talk on the handset. Actual battery performance depends on a combination of how often the handset is in use and how often it is not in use.
- Once the battery is fully charged, you do not have to charge it again until "**Recharge battery**" is displayed or flashes. This will maximize the battery life.

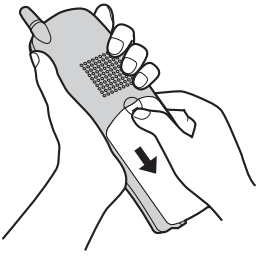
Battery replacement

If battery performance diminishes, make sure you have cleaned the charge contacts and fully charged the battery. The battery needs to be replaced if any of the following are displayed after a few phone calls even when you have fully charged the battery.

– "**Recharge battery**"
– (flashing)
– "**Charge for 6h**"
–

- Use only the rechargeable Panasonic battery noted on page 5.

1 Press the notch on the cover firmly and slide it as indicated by the arrow.



2 Replace the old battery with a new one, and close the cover (see page 10 for battery installation).

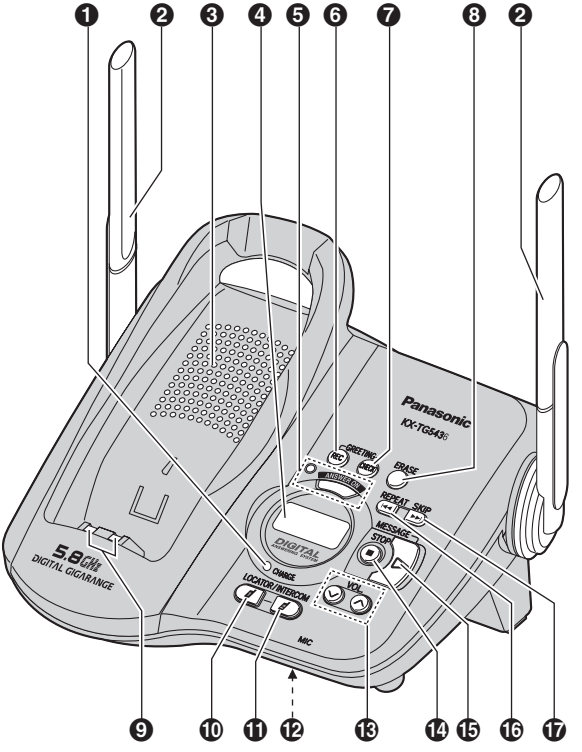
Attention:

A nickel metal hydride battery that is recyclable powers the product you have purchased.
Please call 1-800-8-BATTERY for information on how to recycle this battery.

Controls and displays

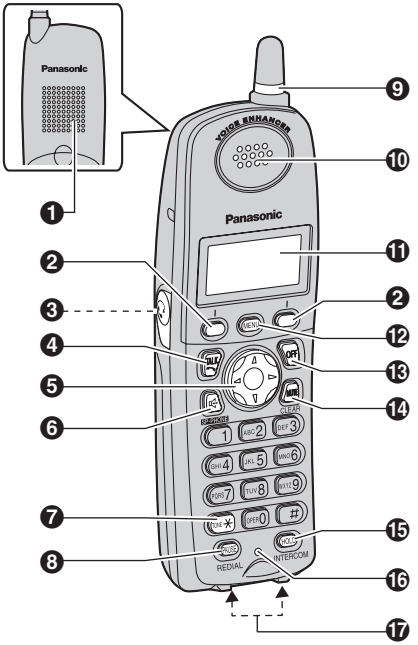
Controls

Base unit



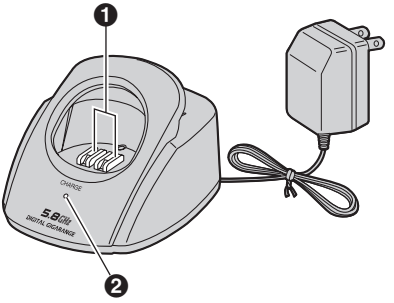
❶ **CHARGE indicator**
❷ **Antenna**
❸ **Speaker**
❹ **Display**
❺ **【ANSWER ON】**
ANSWER ON indicator
❻ **【GREETING REC】(Recording)**
❼ **【GREETING CHECK】**
❽ **【ERASE】**
❾ **Charge contacts**
❿ **【LOCATOR/INTERCOM】**
⓫ **【LOCATOR/INTERCOM】**
⓬ **MIC (Microphone)**
⓭ **VOL. (Volume)【∨】【∧】**
⓮ **【STOP】**
⓯ **【MESSAGE】**
MESSAGE indicator
⓰ **【|◀◀】(Repeat)**
⓱ **【▶▶|】(Skip)**

Handset



❶ **Speaker**
❷ **Soft key**
❸ **Headset jack**
❹ **【 】(TALK)**
❺ **Navigator key**
❻ **【 】(SP-PHONE)**
❼ **【 】(TONE)**
❽ **【PAUSE】【REDIAL】**
❾ **Ringer indicator**
Message indicator
❿ **Receiver**
⓫ **Display**
⓬ **【MENU】**
⓭ **【OFF】**
⓮ **【MUTE】【CLEAR】**
⓯ **【HOLD】【INTERCOM】**
⓰ **Microphone**
⓱ **Charge contacts**

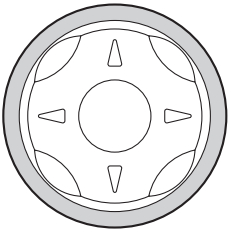
Charger unit



❶ **Charge contacts**
❷ **CHARGE indicator**

Using the navigator key

The handset navigator key can be used to navigate through menus and to select items shown on the display, by pressing 【▲】, 【▼】, 【◄】, or 【►】.



Display

Base unit display items

Displayed item	Meaning
FULL	Flashes when message memory is full.
🕘	Flashes when the date and time need to be set.
IN USE	Base unit is on an intercom call, or handset is using the answering system. When flashing: base unit is paging or is being paged.
LINE IN USE	Line is in use. When flashing: a call is on hold or the answering system is answering a call. When flashing rapidly: a call is being received.
E	Greeting message recording error
9 0	Answering system is in greeting only mode (caller messages will not be recorded).
H 1	Handset number; displayed when paging or being paged. (example shown here: handset 1)

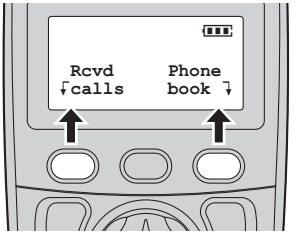
Handset display items

Displayed item	Meaning
((VE))	Voice enhancer is on.
▮▮▮	Battery strength

Soft keys

The handset features 2 soft keys. By pressing a soft key, you can select the function displayed directly above it.

- The functions displayed will vary depending on how you are using the unit.
- When a function does not appear above a soft key, the soft key has no function.



Soft key examples:

Display function	Action
Rcvd calls	Enters caller list
Conf	Establishes a conference call

Backlit display and handset keypad

The handset display and dialing buttons will light for a few seconds after pressing any of the handset's controls or lifting the handset off the base unit or charger. They will also light when a call is being received.

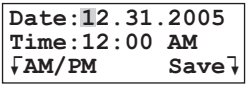
Setting the date and time

Set the date and time so that the unit will announce the day and time each message was recorded by the answering system (page 43) when you play back messages.

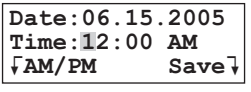
1 Press **【MENU】**.

2 Scroll to "**Date and time**" by pressing **【▼】** or **【▲】**, then press **【►】** or **【Select】**.

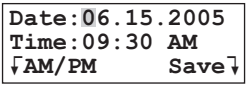
3 Enter the current month, day, and year by selecting 2 digits for each.
Example: June 15, 2005
Press **【0】【6】【1】【5】【0】【5】**.



4 Enter the current hour and minute (12-hour clock format) by selecting 2 digits for each.
Example: 9:30 PM
Press **【0】【9】【3】【0】**.



5 Select "**AM**" or "**PM**" by pressing **【AM/PM】**.



6 Press **【Save】**.

- When the date and time are set, ◴ disappears from the base unit display.
- If the handset beeps 3 times, the date and time were not set correctly. Enter the correct digits.

7 Press **【OFF】**.

Note:

- If you make a mistake when entering the date and time, press **【◄】**, **【►】**, **【▼】**, or **【▲】** to move the cursor, then make the correction.
- If a power failure occurs, ◴ will flash to indicate the date and time must be set again.

To confirm the date and time

Repeat steps 1 and 2. Press **【OFF】** when finished.

Time adjustment (Caller ID subscribers only)

When calls are received, Caller ID will automatically adjust the date and time (including daylight saving time).

- If you have not set the date and time manually, Caller ID will not adjust the date and time.
- You can turn this feature off (page 40).

Making calls

1 Lift the handset and press 【 】.
- "**Talk**" will be displayed.

2 Dial the phone number.

3 When finished talking, press **【OFF】** or place the handset on the base unit or charger.

Note:
- "**Line in use**" is displayed when someone is talking on the other handset or another phone.

To adjust the receiver volume

3 levels (high/medium/low) are available. While using the receiver, press **【▼】** or **【▲】** repeatedly.

To use the speakerphone

1 Lift the handset and press 【 】.
- "**SP-phone**" will be displayed.

2 Dial the phone number.

3 When the other party answers, speak into the microphone.

4 When finished talking, press **【OFF】** or place the handset on the base unit or charger.

Note:
- Talk alternately with the caller in a quiet room.
- If the other party has difficulty hearing you, press **【▼】** to decrease the speaker volume.
- While on a call, you can switch from the receiver to the speakerphone by pressing 【 】. To switch back to the receiver, press 【 】.

To adjust the speaker volume

6 levels (high to low) are available. While using the speaker, press **【▼】** or **【▲】** repeatedly.

To dial after confirming the entered number

1 Enter the phone number.
- To correct a digit, press **【◄】** or **【►】** to move the cursor, then press **【CLEAR】**. Enter the correct number.
- If a pause is required when dialing, press **【PAUSE】**

To make a call using the redial list

The last 5 phone numbers dialed are stored in the redial list.

1 Press **【REDIAL】**.
- The last number dialed will be displayed.

2 Press **【▼】** or **【▲】** repeatedly to display the desired number.
- To delete the displayed number, press **【CLEAR】**.
- To exit the list, press **【OFF】**.

3 Press **【】**, **【】**, or **【Call】**.

Answering calls

When a call is being received, the ringer indicator flashes rapidly.

1 Lift the handset and press **【】** or **【】**.
- You can also answer a call by pressing any button except **【▼】**, **【▲】**, **【◄】**, **【►】**, or **【OFF】**. **(Any key talk feature)**

2 When finished talking, press **【OFF】** or place the handset on the base unit or charger.

Auto talk

This feature allows you to answer a call by simply lifting the handset off the base unit or charger. You do not need to press **【】**. To activate this feature, see page 36.

Temporary ringer off

While the handset is ringing for an outside call, you can turn the ringer off temporarily by pressing **【OFF】**. The handset will ring the next time a call is received.

Useful features during a call

HOLD button

This feature allows you to put an outside call on hold.

1 Press **【HOLD】** during an outside call.
- To transfer the call to the other handset, see page 31, step 22.

2 Press **【HOLD】** again.
- "**Hold**" will be displayed.
- To return to the call, press **【】** or **【】**.
- The other handset user can take the call by pressing **【】** or **【】**.

Note:
- "**Line on hold**" will be displayed on the other handsets.
- If another phone is connected on the same line (page 9), you can also take the call by lifting its handset.
- If a call is kept on hold for more than 6 minutes, an alarm tone will start to sound and the ringer indicator will flash rapidly. After 4 additional minutes on hold, the call will be disconnected.

MUTE button

You can mute your voice during a conversation. While mute is turned on you will be able to hear the other party, but the other party will not be able to hear you. To mute your voice, press **【MUTE】**.

Example:

```
Talk
00-00-30  <Mute>
```

- "**<Mute>**" will flash on the display.
- To return to the conversation, press **【MUTE】**, **【】**, or **【】**.

Voice enhancer

This feature clarifies the voice of the person you are talking to, reproducing a more natural-sounding voice that is easier to hear and understand.

1 Press 【**MENU**】 during an outside call.

2 To turn this feature on or off, press 【**3**】.

- You can also select "**V.E. on**" or "**V.E. off**" by pressing 【▼】 or 【▲】 then pressing 【►】.

- When turned on, "((VE))" will be displayed.

Note:

- Once you turn voice enhancer on, it will be activated for all outside calls until turned off.
- You can also turn this feature on or off by programming (page 37).
- Depending on the condition and quality of your telephone line, this feature may emphasize existing line noise. If it becomes difficult to hear, turn this feature off.

Clarity booster

This feature can improve sound clarity when the handset is used in an area where there may be interference. During an outside call, this feature will be turned on automatically when necessary. This feature will turn off when you hang up or put a call on hold. It will not turn off automatically during a call. You can also turn this feature on or off manually.

1 Press 【**MENU**】 during an outside call.

2 Press 【**2**】 to select "**Booster on**" or "**Booster off**".

- You can also select "**Booster on**" or "**Booster off**" by pressing 【▼】 or 【▲】 then pressing 【►】

PAUSE button (for PBX/long distance service users)

A pause is sometimes required when making calls using a PBX or long distance service.
For example, if you need to dial the line access number “9” when making outside calls with a PBX:

1 Press **【9】**.

2 Press **【PAUSE】**, then dial the phone number.

Example:

3 Press **【】**, **【】**, or **【Call】**.

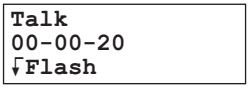
Note:

- A 3.5 second pause is inserted each time **【PAUSE】** is pressed. Press repeatedly to insert longer pauses.

Flash button

Pressing **【Flash】** allows you to use special features of your host PBX such as transferring an extension call, or accessing optional telephone services such as Call Waiting.

Example:



Note:

- To change the flash time, see page 38.

For Call Waiting service users

To use Call Waiting, you must subscribe to your telephone company’s Call Waiting service.
This feature allows you to receive calls while you are already talking on the phone. If you receive a call while on the phone, you will hear a Call Waiting tone.
Press **【Flash】** to answer the 2nd call.

- The 1st call is put on hold while you answer the 2nd call.
- To switch between calls, press **【Flash】**.

Note:

- Please contact your telephone company for details and availability of this service in your area.

Temporary tone dialing (for rotary/pulse service users)

You can temporarily switch the dialing mode to tone when you need to access touch tone services (for example, answering services, telephone banking services, etc.).
Press **【】** (TONE) before entering access numbers which require tone dialing.

Note:

- The dialing mode will return to pulse when you hang up.

Using the phonebook

The handset phonebook allows you to make calls without having to dial manually. You can add 50 names and phone numbers to the handset phonebook and search for phonebook entries by name.

Adding items to the phonebook

1 Press **【Phonebook】**.

```
 Rcvd      Phone
calls      book
```

2 Press **【Add】**.

- The display shows the number of items in the phonebook.

Example:

```
   Phonebook
     7 items
Add       Search
```

3 Enter the name (max. 16 characters). See the character table for entry.

```
Enter name

Back       Next
```

4 Press **【Next】**.

5 Enter the phone number (max. 32 digits).

- If a pause is required when dialing, press **【PAUSE】** where needed (page 21).

```
Enter phone no.
```

6 Press **【Next】**.

- If you want to change the name and number, press **【Edit】**, then repeat from step 3.

Example:

```
Tom
555-765-4321
Edit       Save
```

7 Press **【Save】**.

- To add other items, repeat from step 2.

8 Press **【OFF】**.

Note:

- Caller ID subscribers can use ringer ID and light-up ID features (page 26).

Character table

The dial keys can be used to enter characters. To enter a character, press the appropriate dial key, repeatedly if necessary. To enter another character that is located on the same dial key, first press **【►】** to move the cursor to the next space.

Key	Characters
【1】	& ' ( ) , – . / 1
【2】	a b c A B C 2
【3】	d e f D E F 3
【4】	g h i G H I 4
【5】	j k l J K L 5
【6】	m n o M N O 6
【7】	p q r s P Q R S 7
【8】	t u v T U V 8
【9】	w x y z W X Y Z 9
【0】	0 Space
【✳】	✳
【#】	#
【CLEAR】	To delete a character or number

To edit/correct a mistake

Press **【◄】** or **【►】** to move the cursor to the character or number you wish to erase, then press **【CLEAR】**. Enter the appropriate character or number.

Note:

- Press and hold **【CLEAR】** to erase all characters or numbers.

Calling someone in the phonebook

Phonebook items can be searched for alphabetically by scrolling through the phonebook items.

1 Press **【Phonebook】**.
- For quick search, you can skip to step 3.

2 Press **【Search】**.

```
0-9=Name search
▼▲=Scroll list
```

3 Press **【▼】** or **【▲】** repeatedly to display the desired item.
- To exit the phonebook, press **【OFF】**.

4 Press **【📞】** or **【🔊】**.

Note:
- To view a phone number over 16 digits long, follow steps 1 to 3, then press **【Edit】** and **【Next】**. Press **【OFF】** when finished.

To search for a name by initial

1 Press **【Phonebook】**, then press **【Search】**.

2 Press the dialing button (**【0】** to **【9】**, **【#】**, or **【*】**) which corresponds to the first letter you are searching for (see the character table, page 22).
Example: "**LISA**"
Press **【5】** repeatedly to display any name with the initial "**L**".
- If there is no item corresponding to the letter you selected, the next item will be displayed.

3 Press **【▼】** repeatedly to display the desired item.
- To exit the phonebook, press **【OFF】**.
- To dial the displayed number, press **【📞】** or **【🔊】**.

Editing items in the phonebook

1 Press **【Phonebook】**, then press **【Search】**.

2 Press **【▼】** or **【▲】** repeatedly to display the desired item.

3 Press **【Edit】**.

4 Edit the name if necessary. See the character table on page 22 for character entry.

5 Press **【Next】**.

6 Edit the phone number if necessary.

7 Press **【Next】**, then press **【Save】**.
- To edit other items, repeat from step 2.

8 Press **【OFF】**.

Erasing items in the phonebook

1 Press **【Phonebook】**, then press **【Search】**.

2 Press **【▼】** or **【▲】** repeatedly to display the desired item.

3 Press **【CLEAR】**.

4 Press **【Yes】**.
- To cancel erasing, press **【No】**.
- To erase other items, repeat from step 2.

5 Press **【OFF】**.

hain dial featur

his feature allows yo
umbers from the pho you
are on a call.
Example: Using a long
card

① Dial from the
1-800-0

Copyi

Copying all items

1 Press **【MENU】**.

2 Scroll to "**Copy phonebook**" by pressing **【▼】** or **【▲】**, then press **【►】**.

3 Scroll to "**Copy all items**" by pressing **【▼】** or **【▲】**, then press **【►】**.

- When all items have been copied, "**Complete**" will be displayed.
- The destination handset display will show "**Phonebook Receiving**", then "**Phonebook Received**".

4 Press **【OFF】**.

Using Caller ID service

This unit is Caller ID compatible. To use Caller ID features, you must subscribe to your telephone company's Caller ID service.

Caller ID features

When an outside call is being received, the calling party's name or telephone number will be displayed.
Caller information for the last 50 different callers will be logged in the caller list, allowing you to return missed calls. Caller information is stored by the most recent call to the oldest.

- When Caller ID information is received and it matches a phone number stored in the phonebook:
  - The stored name will be displayed and logged in the caller list. **(Personalized name display)**
  - The handset will use the ringer tone and the ringer indicator color you assigned to the caller. **(Ringer ID and light-up ID)**
- While listening to a message recorded by the answering system, using the handset, you can call back the caller without having to dial the phone number (page 47).
- If the unit cannot receive caller information, the following will be displayed:
  "**`Out of area`**": The caller dialed from an area which does not provide Caller ID service.
  "**`Private caller`**": The caller requested not to send caller information.
  "**`Long distance`**": The caller called you long distance.
- If the unit is connected to a PBX system, caller information may not be received properly. Consult your PBX supplier.

Call Waiting Caller ID display

If you subscribe to both Caller ID and Call Waiting with Caller ID services, the 2nd caller's information will be displayed after you hear a Call Waiting tone (page 21).

Example:

```
BROWN,NANCY
1-555-666-7777
↓Flash -Waiting-
```

Note:

- Please contact your telephone company for details and availability of this service in your area.

Ringer ID and light-up ID

This feature can help you identify who is calling by using different ringers and ringer indicator colors for different callers stored in the phonebook. You can assign a different ringer and indicator color to each phonebook item. When a call is received from a caller stored in the phonebook, the ringer and indicator color are used after Caller ID information is displayed.

- Usually the ringer and indicator color will be changed from the 2nd ring.

Ringer ID

You can assign a different ringer tone to each caller in the phonebook. If you select "**`No Ringer ID`**", the unit will use the ringer tone you set on page 35 when a call is received from that caller. The default setting is "**`No Ringer ID`**".

1 Press **【Phonebook】**, then press **【Search】**.

2 Press **【▼】** or **【▲】** repeatedly to display the desired item.

3 Press **【Option】**.

4 Press **【1】** to select "**`Ringer ID`**".

5 Press **【▼】** or **【▲】** repeatedly to select the desired ringer tone.

- You can also select the ringer tone by pressing **【1】** to **【7】**, or **【0】** (“**No Ringer ID**”).

6 Press

Note:

- You can also press **【Rcvd calls】** to enter the caller list.
- Calling back will not be possible if the caller information does not include a phone number.
- In some cases, you may have to edit the number before dialing. (For example, you may have to delete “1” and the area code.)
- Each handset has its own caller list. If you viewed the caller list or answered a call on one handset, the same information in the other handsets will be displayed as “**missed calls**”.

Displayed symbols

- If the same caller calls more than once, it will be displayed with the number (“**×2**” to “**×9**”). Only the date and time of the most recent call will be stored.
- A ✓ is displayed next to items which have already been viewed or answered on this handset.

Editing a caller’s phone number before calling back

You can edit a phone number in the caller list by removing its area code and/or the long distance code “1”.

1 Press **【▼】** or **【▲】** to enter the caller list.

2 Press **【▼】** or **【▲】** repeatedly to display the desired item.

3 Press **【Edit】** repeatedly until the phone number is shown in the desired format. Each time you press **【Edit】**, the phone number will be rearranged into one of 3 patterns.

① Local phone number

② Area code – Local phone number

③ 1 – Area code – Local phone number

4 To return a call, press **【📞】** or **【🔊】**□

Note:

- The handset can remember up to 4 area codes to be edited. Phone numbers from the 4 most recently edited area codes will be automatically edited.
- This feature will not be activated until edited numbers are called back.
- If you move to another area, you can turn this feature off to erase previously edited area codes. To use this feature again, turn it on and reprogram the area codes you want to edit once again.

Storing caller information into the phonebook

Items in the caller list can be stored into each handset's phonebook.

1 Press 【▼】 or 【▲】 to enter the caller list.

2 Press 【▼】 or 【▲】 repeatedly to display the desired item.

- To edit the number, press 【**Edit**】 repeatedly until the number is shown in the desired format (page 28, step 3).

3 Press 【**Save**】.

- If there is no name information for the caller, "**`Enter name`**" will be displayed.
  ① Enter the name if necessary (see page 22, step 3).
  ② Press 【**Next**】, then press 【**Save**】.
- To continue storing other items, repeat from step 2.

4 Press 【**OFF**】 to exit.

Note:

- If the caller information does not include a phone number, you cannot store it in the phonebook.

Erasing caller information

Erasing a selected item

1 Press 【▼】 or 【▲】 to enter the caller list.

2 Press 【▼】 or 【▲】 repeatedly to display the desired item.

3 Press 【**CLEAR**】.

- To erase other items, repeat from step 2.
- To exit the caller list, press 【**OFF**】.

Erasing all items

Make sure that you have no missed calls.

1 Press 【▼】 or 【▲】 to enter the caller list.

2 Press 【**All erase**】.

- To cancel erasing, press 【**No**】.

3 Press 【**Yes**】.

Intercom

Intercom calls can be made between a handset and the base unit, and between 2 handsets.
Call the desired unit by selecting the extension number, shown in the upper right of each handset's display. The base unit's extension number is 0.

- To confirm the handset's extension number (**[1]** or **[2]**), place the handset on the base unit or charger.
- The base unit will display the paging or paged handset number (H1 or H2).

Note:

- If you have difficulty hearing the other party while using the speaker, decrease the speaker volume.
- If you receive a phone call while talking on the intercom, you will hear 2 tones (page 36). To answer the call, press **【OFF】**, then press **【**↶**】** or **【**🔊**】**.
- You cannot change the ringer tone for intercom calls.

From the handset to the base unit

1 **Handset:**
Press **【INTERCOM】**, then press **【0】**.
- You can also select the base unit by pressing **【▼】** or **【▲】** then pressing **【►】**.
- The base unit will ring for 1 minute.
- To stop paging, press **【OFF】**.

2 **Base unit:**
Press either **【LOCATOR/INTERCOM** 🔍**】** or **【LOCATOR/INTERCOM** 🔍**】** to answer the page.

3 **Handset:**
When finished talking, press **【OFF】** or place the handset on the charger.

Note:

- During an intercom call, the handset user can switch to the speaker by pressing **【**🔊**】**. To switch back to the receiver, press **【**↶**】**.
- To adjust the base unit's speaker volume, press **【∧】** or **【∨】** repeatedly. 8 levels (high to low) are available.

From the base unit to a handset

1 **Base unit:**
Press **【LOCATOR/INTERCOM** 🔍**】** or **【LOCATOR/INTERCOM** 🔍**】**.
- The handset will beep for 1 minute.
- To stop paging, press either **【LOCATOR/INTERCOM** 🔍**】** or **【LOCATOR/INTERCOM** 🔍**】**.

2 **Handset:**
Press **【**↶**】**, **【**🔊**】**, or **【INTERCOM】** to answer the page.

3 **Base unit:**
When the paged party answers, speak into the MIC.

4 **Base unit:**
When finished talking, press either **【LOCATOR/INTERCOM** 🔍**】** or **【LOCATOR/INTERCOM** 🔍**】**.

Note:

- You can locate a misplaced handset by paging it. **(Handset locator)**

From one handset to the other handset

Example: When handset 1 calls handset 2.

1 **Handset 1:**
Press **【INTERCOM】**, then press the other handset number **【2】**.
- You can also select the handset by pressing **【▼】** or **【▲】** then pressing **【►】**.
- The paged handset will beep for 1 minute.
- To stop paging, press **【OFF】**.

2 **Handset 2:**
Press 【📞】, 【🔊】, or 【**INTERCOM**】 to answer.

3 When finished talking, press 【**OFF**】 or place the handset on the base unit or charger.

Transferring a call

Outside calls can be transferred between 2 handsets.

1 During an outside call, press 【**INTERCOM**】.
- The call will be put on hold.

2 To page the other handset, press 【**handset[1]**】 or 【**handset[2]**】.

3 Wait for the paged party to answer.
- The paged handset user can answer by pressing 【📞】, 【🔊】, or 【**INTERCOM**】.
- If there is no answer, press 【📞】 or 【🔊】 to return to the outside call.

4 To complete the transfer, press 【**OFF**】.

Transferring a call without speaking to the paged party

1 During an outside call, press 【**INTERCOM**】, then press 【**handset[1]**】 or 【**handset[2]**】.

2 Press 【**OFF**】.
- The outside call rings at the paged handset.

Note:

- If the paged party does not answer the call, press 【📞】 or 【🔊】 to return to the call. If not answered within 1 minute, the call will ring at your handset again. If you still do not answer the call within 4 minutes, the call will be disconnected.

Conference calls

A conference call allows 2 handsets to speak together with an outside party.

1 During an outside call, press **【INTERCOM】**.
- The call will be put on hold.

2 To page the other handset, press **【handset[1]】** or **【handset[2]】**.

3 When the paged party answers, press **【Conf】** on your handset to establish a conference call.
- "**Conference**" will be displayed.
- To leave the conference, press **【OFF】**. The other parties can continue the conversation.

Note:
- The outside call can be put on hold by pressing **【HOLD】** during a conference call. Communications between extensions are not suspended. Only the person who placed the call on hold can resume the conference by pressing **【Conf】**.

Guide to handset programming

For your reference, a chart of all programmable functions is printed below. Details for each item can be found on the corresponding pages. To program, press **【MENU】**, press **【▼】** or **【▲】** to scroll through the menu, and press **【►】** or **【Select】** when the desired menu item or setting is displayed.

Important:

- Before programming, make sure the handset and base unit are not being used. The handset must be operated near the base unit and while off the base unit or charger.

Main menu	Sub-menu 1	Sub-menu 2	Page
Message play	–	–	page 46
Ringer setting	**Ringer volume**	–	page 35
	Ringer tone	–	page 35
	Interrupt tone	–	page 36
Date and time[*1]	–	–	page 16
Voice enhancer	–	–	page 37
Copy phonebook	**Copy 1 item**	–	page 24
	Copy all items	–	page 25
Customer support	–	–	page 40
Initial setting	**Set answering**	**Ring count**[*1]	page 50
		Recording time[*1]	page 51
		Remote code[*1]	page 49
	Message alert	–	page 51
	LCD contrast	–	page 38
	Key tone	–	page 39
	Auto talk	–	page 36
	Caller ID edit	–	page 37
	Time adjustment[*1]	–	page 40
	Set tel line	**Set dial mode**[*1]	page 38
		Set flash time[*1]	page 38
		Set line mode[*1]	page 39
	Registration	–	page 39
	Change language	–	page 38

*1 If you program these settings using one of the handsets, you will not need to program the same item using the other handset.

Note:

- To exit programming, press **【OFF】** at any time.
- To go back to the previous menu, press **【◄】** or **【Back】**, or press **【►】** or **【Select】** while "**(Go back)**" is displayed.

Handset interrupt tone

This tone lets you know when you receive a call while you are on an intercom call (page 30).
"**2**" (default): The tone will sound 2 times.
"**On**": The tone will sound for as long as the line rings.
"**Off**": Turns this feature off.

1 Press **【MENU】**.

2 Scroll to "**Ringer setting**" by pressing **【▼】** or **【▲】**, then press **【►】**.

3 Scroll to "**Interrupt tone**" by pressing **【▼】** or **【▲】**, then press **【►】**.

4 Press **【▼】** or **【▲】** repeatedly to select the desired setting.

5 Press **【Save】**, then press **【OFF】**.

Call options

Auto talk

When this feature is turned on, you can answer a call by lifting the handset off the base unit or charger without pressing **【】**. The default setting is OFF.

1 Press **【MENU】**.

2 Scroll to "**Initial setting**" by pressing **【▼】** or **【▲】**, then press **【►】**.

3 Scroll to "**Auto talk**" by pressing **【▼】** or **【▲】**, then press **【►】**.

4 Press **【▼】** or **【▲】** repeatedly to select the desired setting.

5 Press **【Save】**, then press **【OFF】**.

Note:

- If you subscribe to Caller ID service and want to view the caller's information on the handset display after lifting up the handset to answer a call, turn off this feature.

Voice enhancer

You can turn the voice enhancer feature on or off. The default setting is OFF.

1 Press **【MENU】**.

2 Scroll to "**Voice enhancer**" by pressing **【▼】** or **【▲】**, then press **【►】**.

3 Press **【▼】** or **【▲】** repeatedly to select "**On**" or "**Off**".

4 Press **【Save】**, then press **【OFF】**.
- When turned on, "((VE))" will be displayed.

Caller ID edit

You can turn the Caller ID number auto edit feature (page 28) on or off. The default setting is ON.

1 Press **【MENU】**.

2 Scroll to "**Initial setting**" by pressing **【▼】** or **【▲】**, then press **【►】**.

3 Scroll to "**Caller ID edit**" by pressing **【▼】** or **【▲】**, then press **【►】**.

4 Press **【▼】** or **【▲】** repeatedly to select "**On**" or "**Off**".

5 Press **【Save】**, then press **【OFF】**.

Display options

Handset LCD contrast

You can adjust the handset display contrast. There are 6 levels. The default setting is level 3.

1 Press **【MENU】**.

2 Scroll to "**Initial setting**" by pressing **【▼】** or **【▲】**, then press **【►】**.

3 Scroll to "**LCD contrast**" by pressing **【▼】** or **【▲】**, then press **【►】**.

4 Press **【▼】** or **【▲】** repeatedly to select the desired setting.

5 Press **【Save】**, then press **【OFF】**.

Display language

You can select either "**English**" (default) or "**Español**" as the display language.

1 Press **【MENU】**.

2 Scroll to "**Initial setting**" by pressing **【▼】** or **【▲】**, then press **【►】**.

3 Scroll to "**Change language**" by pressing **【▼】** or **【▲】**, then press **【►】**.

4 Press **【▼】** or **【▲】** repeatedly to select the desired language.
- You can also select by pressing **【English】** or **【Español】**.

5 Press **【Save】** or **【Salvar】**, then press **【OFF】**.

Note:

- If you select a language you cannot read, press **【MENU】【0】【8】【1】【Save】** to change the display language to English.

Telephone settings

Dialing mode

If you cannot make calls, change this setting depending on your telephone line service.
"**Tone**" (default): For tone dial service.
"**Pulse**": For rotary pulse dial service.

1 Press **【MENU】**.

2 Scroll to "**Initial setting**" by pressing **【▼】** or **【▲】**, then press **【►】**.

3 Scroll to "**Set tel line**" by pressing **【▼】** or **【▲】**, then press **【►】**.

4 Scroll to "**Set dial mode**" by pressing **【▼】** or **【▲】**, then press **【►】**.

5 Press **【▼】** or **【▲】** repeatedly to select the desired setting.

6 Press **【Save】**, then press **【OFF】**.

Flash time

The flash time depends on your telephone exchange or host PBX.
You can select: "**90ms**" (milliseconds), "**100ms**", "**110ms**", "**250ms**", "**300ms**", "**400ms**", "**600ms**", or "**700ms**" (default).

1 Press **【MENU】**.

2 Scroll to "**Initial setting**" by pressing **【▼】** or **【▲】**, then press **【►】**.

3 Scroll to "**Set tel line**" by pressing **【▼】** or **【▲】**, then press **【►】**.

4 Scroll to "**Set flash time**" by pressing **【▼】** or **【▲】**, then press **【►】**.

5 Press **【▼】** or **【▲】** repeatedly to select the desired setting.

6 Press **【Save】**, then press **【OFF】**.

Note:

- The setting should stay at 700 ms unless pressing **【Flash】** fails to pick up the Call Waiting call.
- If the unit is connected via a PBX, certain PBX functions (call transferring, etc.) may not work correctly. Consult your PBX supplier for the correct setting.

Line mode

The line mode is preset to "**B**" and generally should not be adjusted. If "**Line in use**" on the handset is not displayed properly, the line mode selection is incorrect. Set line mode to "**A**".

1 Press **【MENU】**.

2 Scroll to "**Initial setting**" by pressing **【▼】** or **【▲】**, then press **【►】**.

3 Scroll to "**Set tel line**" by pressing **【▼】** or **【▲】**, then press **【►】**.

4 Scroll to "**Set line mode**" by pressing **【▼】** or **【▲】**, then press **【►】**.

5 Press **【▼】** or **【▲】** repeatedly to select the desired setting.

6 Press **【Save】**, then press **【OFF】**.

Other options

Handset key tone

You can select whether or not key tones are heard when keys are pressed. Includes confirmation tones and error tones. The default setting is ON.

1 Press **【MENU】**.

2 Scroll to "**Initial setting**" by pressing **【▼】** or **【▲】**, then press **【►】**.

3 Scroll to "**Key tone**" by pressing **【▼】** or **【▲】**, then press **【►】**.

4 Press **【▼】** or **【▲】** repeatedly to select "**On**" or "**Off**".

5 Press **【Save】**, then press **【OFF】**.

Re-registering the handset

If "**No link to base. Move closer to base, try again.**" is displayed even when the handset is near the base unit, you may need to re-register the handset to the base unit.

Important:

- Make sure the base unit is not being used.
- Have the handset and base unit near each other when re-registering the handset.
- Confirm the extension number of the handset which has lost its link to the base unit by placing the handset on the base unit or charger.
  If you accidentally assign the other handset's extension number to it, the other extension will stop functioning.

1 **Handset:**
Press **【MENU】**.

2 Scroll to "**Initial setting**" by pressing **【▼】** or **【▲】**, then press **【►】**.

3 Scroll to "**Registration**" by pressing **【▼】** or **【▲】**, then press **【►】**.

4 **Base unit:**
Press and hold the locator/handset button that corresponds to the handset you want to re-register (**【LOCATOR/ INTERCOM】** or **【LOCATOR/ INTERCOM】**) until the registering handset number (H1 or H2) is displayed.
- After the CHARGE indicator starts flashing, the rest of the procedure must be completed within 1 minute.

5 **Handset:**
Press **【OK】**, then wait until the handset beeps.
- Registration is complete.

Time adjustment (Caller ID subscribers only)

Using this feature, the unit's date and time setting will be automatically adjusted when caller information is received. To turn this feature on, select "**Caller ID[auto]**" (default). To turn off, select "**Manual**".

1 Press **【MENU】**.

2 Scroll to "**Initial setting**" by pressing **【▼】** or **【▲】**, then press **【►】**.

3 Scroll to "**Time adjustment**" by pressing **【▼】** or **【▲】**, then press **【►】**.

4 Press **【▼】** or **【▲】** repeatedly to select "**Manual**" or "**Caller ID[auto]**".

5 Press **【Save】**, then press **【OFF】**.

Note:
- To use this feature, set the date and time manually first (page 16).

Customer support

The handset can display the Internet address where you can download operating instructions for this product using your computer.

1 Press **【MENU】**.

2 Scroll to "**Customer support**" by pressing **【▼】** or **【▲】**, then press **【►】**.
- "**www.panasonic.com/support**" will be displayed.

3 Press **【OFF】**.

Programming via direct commands

You can also program most features using “direct commands”—special codes that take you directly to the feature you wish to program and allow you to select the desired setting. There is no need to scroll through the unit’s menus.
Details of each feature can be found on the corresponding pages.

1 Press **【MENU】**.

2 Enter the desired feature code (shown below).

3 Enter the desired setting code (shown below).
- This step may vary depending on the feature being programmed.

4 Press **【Save】**.

5 Press **【OFF】** to exit programming mode.

Direct commands chart

Feature	Feature code	Setting code	Page
Ringer volume	**【1】【1】**	**【1】**: Low **【2】**: Medium **【3】**: High **【0】**: Off	page 35
Ringer tone	**【1】【2】**	**【1】**–**【3】**: Tone pattern 1–3 **【4】**–**【7】**: Melody pattern 1–4	page 35
Interrupt tone	**【1】【3】**	**【1】**: On **【2】**: 2 times **【0】**: Off	page 36
Message play	**【2】**	–	page 46
Date and time	**【4】**	Go to step 3 on page 16.	page 16
Voice enhancer	**【5】**	**【1】**: On **【0】**: Off	page 37
Copy phonebook (1 item)	**【#】【1】**	Go to step 4 on page 24.	page 24
Copy phonebook (all items)	**【#】【2】**	–	page 25
LCD contrast	**【0】【1】**	**【1】**–**【6】**: Level 1–6	page 38
Key tone	**【0】【2】**	**【1】**: On **【0】**: Off	page 39
Auto talk	**【0】【3】**	**【1】**: On **【0】**: Off	page 36
Caller ID number auto edit	**【0】【4】**	**【1】**: On **【0】**: Off	page 37
Set dial mode	**【0】【5】【1】**	**【1】**: Pulse **【2】**: Tone	page 38
Set flash time	**【0】【5】【2】**	**【1】**: 700 ms **【2】**: 600 ms **【3】**: 400 ms **【4】**: 300 ms **【5】**: 250 ms **【6】**: 110 ms **【7】**: 100 ms **【8】**: 90 ms	page 38

Feature	Feature code	Setting code	Page
Set line mode	**【0】【5】【3】**	**【1】**: A **【2】**: B	page 39
Ring count	**【0】【6】【1】**	**【2】**–**【7】**: 2–7 rings **【0】**: Toll saver	page 50
Recording time	**【0】【6】【2】**	**【1】**: 1 minute **【2】**: 2 minutes **【3】**: 3 minutes **【0】**: Greeting only	page 51
Remote code	**【0】【6】【3】**	Go to step 5 on page 49.	page 49
Change language	**【0】【8】**	**【1】**: English **【2】**: Spanish	page 38
Message alert	**【0】【#】**	**【1】**: On **【0】**: Off	page 51
Time adjustment	**【0】【9】**	**【1】**: Caller ID[auto] **【0】**: Manual	page 40
Handset registration	**【0】【0】**	Go to step 4 on page 40.	page 40

Note:

- If you make a mistake or enter the wrong code, press **【OFF】** then start again by pressing **【MENU】**.

Answering system

The unit contains an answering system which can answer and record calls for you when you are unavailable to answer the phone.
For details about memory capacity, see page 47.

Important:

- Only 1 person can access the answering system (listen to messages, record a greeting message, etc.) at a time.
- When callers leave messages, the unit records the day and time of each message. Make sure the date and time have been set (page 16).
- You can select the caller's recording time (page 51).

Recording your greeting message

You can record your own greeting message (max. 2 minutes) that will be played when the answering system answers a call. If you do not record a greeting message, a pre-recorded greeting message will be used.

Sample greeting message: "*This is (your name). We are unable to answer the phone right now. Please leave a message after the beep. Thank you.*"

1 Press **【GREETING REC】**.
- The unit announces "*To record greeting, press record again.*"

2 Within 10 seconds, press **【GREETING REC】** again.

3 After the unit beeps, speak clearly about 20 cm (8 inches) away from the MIC.
- The display will show the elapsed recording time.

4 To stop recording, press **【GREETING REC】** or **【STOP】**.

Note:

- If the greeting message is less than 1 second long, the unit beeps 6 times and announces, "*Your greeting was not recorded. Record your greeting again.*"

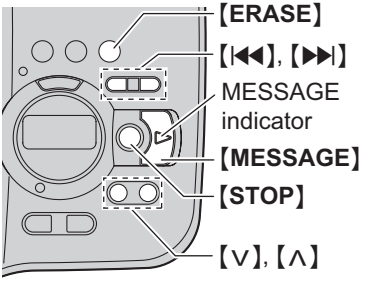
Listening to messages

When new messages have been recorded:

– The MESSAGE indicator on the base unit will flash.
– The message indicator on the handset will flash slowly if the message alert feature is turned on (page 51).

The base unit display will show the number of messages (old and new) recorded by the answering system.
Example: The total number of recorded messages is 10.

Listening to messages using the base unit



Press 【**MESSAGE**】.

- The unit will announce the number of new messages and will play back the new messages.
- When you have no new messages, the unit will announce "*No new messages. All message playback*", and will play back all messages.

Note:

- The display shows the message number during playback.
- During playback, the unit will announce the day and time that each message was recorded. **(Voice time/day stamp)**
- At the end of the last message, the unit announces "*End of final message*".

To adjust the speaker volume

9 levels (high to off) are available. Press 【∧】 or 【∨】 repeatedly while using the answering system.

Repeating a message

Press 【|◀◀】 while listening to the message.

- If pressed within the first 5 seconds of a message, the previous message will be played.

Skipping a message

Press 【▶▶|】 to play the next message.

Pausing message playback

Press 【**STOP**】.

- To resume playback, press 【**MESSAGE**】.
- To stop playback completely, press 【**STOP**】 again.

Erasing a specific message

Press 【**ERASE**】 while listening to the message you want to erase.

Erasing all messages

1 Press 【**ERASE**】 while the base unit is not being used.
- The unit will announce "*To erase all messages, press ERASE again.*"

2 Within 10 seconds, press 【**ERASE**】 again.
- The unit will announce "*No messages*".

Calling back (Caller ID subscribers only)

If Caller ID information was received for the call, you can call the caller back while listening to a message.

Press **【Call】** during playback.

Note:

- To edit the number before calling back, press **【Edit】** repeatedly to select the desired format (page 28), then press **【Call】**, **【**↷**】**, or **【**🔊**】**.

Memory capacity

The total recording capacity (including your greeting message and caller messages) is about 15 minutes. A maximum of 64 messages (including a greeting message) can be recorded.

- If message memory becomes full:
  - "FULL" flashes on the base unit.
  - the ANSWER ON indicator flashes rapidly (if the answering system is turned on).
  - the unit announces "*Memory full*" when operating the answering system.

  To record additional messages, erase unnecessary messages.
- If less than 3 minutes of recording time is available, the unit will announce the remaining recording time when operating the answering system.
- Messages are retained even if a power failure occurs. All messages are saved until you erase them. **(Flash memory message backup)**
- The total recording capacity may be reduced by the calling party's background noise.

Remote operation

Using a touch tone phone, you can call your phone number from outside and access the unit to listen to messages. The unit's voice guidance will prompt you to press certain dial keys to perform different operations.

Important:

- In order to operate the answering system remotely, you must first set a remote code (page 49). This code must be entered each time you operate the answering system remotely.

Using the answering system remotely

1 Dial your phone number from a touch tone phone.
- If the ring count is set to "**Toll saver**" (page 50), the number of rings you hear will indicate whether or not you have new messages.

2 After the greeting message starts, enter your remote code.
- The unit will announce the number of new messages, and will play back the new messages.

3 After 3 seconds, the voice guidance will start. Follow the voice guidance as necessary.

4 When finished, hang up.

Note:

- When you press a key, press firmly.
- You can hang up at any time.
- You can ignore the voice guidance and control the unit using remote commands.

Voice guidance

During remote operation, the unit's voice guidance will prompt you to press **【1】** to perform a specific operation, or press **【2】** to listen to more available operations. Operations are presented by voice guidance in the following order:

– Play back all messages
– Play back new messages
– Record a message
– Erase all messages

Note:

- If you do not press any dial keys within 10 seconds after a voice guidance prompt, the unit will announce, "*Thank you for your call*" then disconnect your call.
- If less than 3 minutes of recording time is available, the unit will announce the remaining recording time after the last message is played back.
- If the unit announces "*Memory full*", erase unnecessary messages.

Remote commands

You can press dial keys to access certain answering system functions without waiting for the voice guidance to prompt you.

Key	Remote command
【1】	Repeat message (during playback)*1
【2】	Skip message (during playback)
【4】	Play new messages
【5】	Play all messages
【9】	Stop*2
【0】	Turn answering system off
【✳】【4】	Erase this message (during playback)
【✳】【5】	Erase all messages

*1 If pushed within the first 5 seconds of a message, the previous message will be played.
*2 To resume operation, enter a remote command within 15 seconds, or the voice guidance will start.

Turning on the answering system remotely

If the answering system is off, you can turn it on remotely.

1 Dial your phone number.

2 Let the phone ring 15 times.

- The unit will answer your call with the greeting message.
- You can hang up, or if you call from a touch tone phone, you can enter your remote code and begin remote operation (page 48).

Skipping the greeting message to leave a message

You can leave a message just as any outside caller can. Call your phone number, then press 【✳】 to skip the greeting message and record your message after the beep.

Answering system settings

Remote code

A remote code must be entered when operating the answering system remotely. This code prevents unauthorized parties from listening to your messages remotely. Store any 2-digit number (00–99). The default setting is "**11**".

1 Press 【**MENU**】.

2 Scroll to "**Initial setting**" by pressing 【▼】 or 【▲】, then press 【►】.

3 Scroll to "**Set answering**" by pressing 【▼】 or 【▲】, then press 【►】.

4 Scroll to "**Remote code**" by pressing 【▼】 or 【▲】, then press 【►】.

5 Select the desired remote code by entering a 2-digit number (00–99).

6 Press 【**Save**】, then press 【**OFF**】.

Note:

- To confirm the remote code, repeat steps 1 to 4. Press 【**OFF**】 when finished.

Ring count

You can change the number of times the phone rings before the unit answers calls. You can select “**2**”, “**3**”, “**4**” (default), “**5**”, “**6**”, “**7**”, or “**Toll saver**”.
“**Toll saver**”: The unit answers on the 2nd ring when new messages have been recorded, and on the 4th ring when there are no new messages. If you call your phone from outside to listen to new messages (page 48), you will know that there are no messages when the phone rings for the 3rd time. You can then hang up without being charged for the call.

1 Press **【MENU】**.

2 Scroll to “**Initial setting**” by pressing **【▼】** or **【▲】**, then press **【►】**.

3 Scroll to “**Set answering**” by pressing **【▼】** or **【▲】**, then press **【►】**.

4 Scroll to “**Ring count**” by pressing **【▼】** or **【▲】**, then press **【►】**.

5 Press **【▼】** or **【▲】** repeatedly to select the desired setting.

- You can also select the ring count by pressing **【0】** (“**Toll saver**”), or **【2】** to **【7】**.

6 Press **【Save】**, then press **【OFF】**.

For Voice Mail service subscribers

If you subscribe to a flat-rate bundle service that includes Caller ID, Call Waiting, Voice Mail, and unlimited local/regional/long distance calls, please note the following:

- To use the Voice Mail service provided by the telephone company rather than the unit’s answering system, turn off the answering system (page 44).
  This unit does not have an indicator to indicate if there are new messages in your mailbox service.
- To use this unit’s answering system rather than the Voice Mail service provided by your telephone company, please contact your telephone company to deactivate your Voice Mail service.
  If the telephone company cannot do this:
  – Set this unit’s “**Ring count**” setting so that this unit’s answering system answers calls before the telephone company’s Voice Mail service tries to answer your calls. It is necessary to check the ring count required to activate the Voice Mail service provided by your telephone company before changing this setting.
  – Change the ring count of the Voice Mail service so that the answering system can answer the call first. To do so, consult your telephone company.

Caller's recording time

You can change the maximum message recording time allotted to each caller.
"**1min**", "**2min**", or "**3min**" (default): Caller messages are limited to 1 minute to 3 minutes.
"**Greeting only**": The unit plays the greeting message but does not record caller messages.

1 Press **【MENU】**.

2 Scroll to "**Initial setting**" by pressing **【▼】** or **【▲】**, then press **【►】**.

3 Scroll to "**Set answering**" by pressing **【▼】** or **【▲】**, then press **【►】**.

4 Scroll to "**Recording time**" by pressing **【▼】** or **【▲】**, then press **【►】**.

5 Press **【▼】** or **【▲】** repeatedly to select the desired setting.
- You can also select the recording time by pressing **【1】** to **【3】**, or **【0】** ("**Greeting only**").

6 Press **【Save】**, then press **【OFF】**.

Note:
- If message memory becomes full, the unit will automatically switch to the "**Greeting only**" mode.

Message alert

You can select whether or not the message indicator on the handset will flash when new messages have been recorded (page 45). The default setting is OFF.

1 Press **【MENU】**.

2 Scroll to "**Initial setting**" by pressing **【▼】** or **【▲】**, then press **【►】**.

3 Scroll to "**Message alert**" by pressing **【▼】** or **【▲】**, then press **【►】**.

4 Press **【▼】** or **【▲】** repeatedly to select "**On**" or "**Off**".

5 Press **【Save】**, then press **【OFF】**.

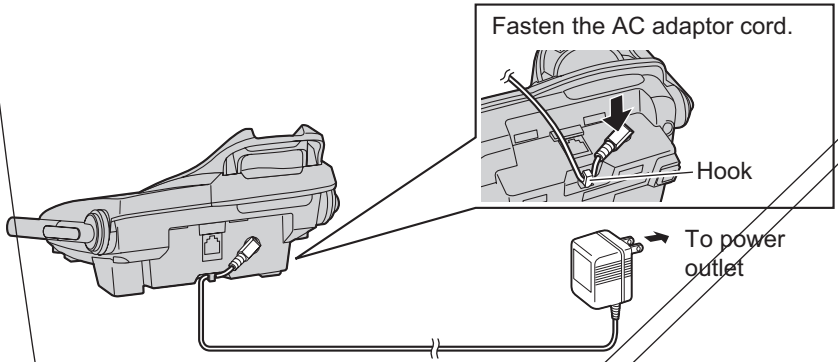
Note:
- The message indicator will not flash for new messages while the handset is in use.
- While message alert is on, battery operating time will be shortened (page 12).

Wall mounting

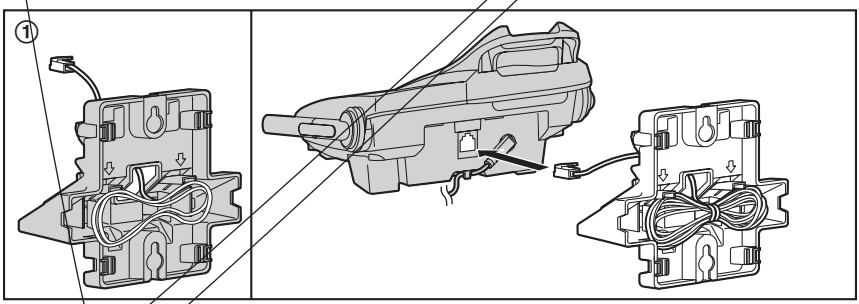
Base unit

The base unit can be mounted on a wall phone plate.

1 Connect the AC adaptor.



2 Tuck the telephone line cord inside the wall mounting adaptor (①). Connect the telephone line cord (②).



3 Insert the hooks on the wall mounting adaptor into the holes (Ⓐ) and (Ⓑ) on the base unit.

Charger unit

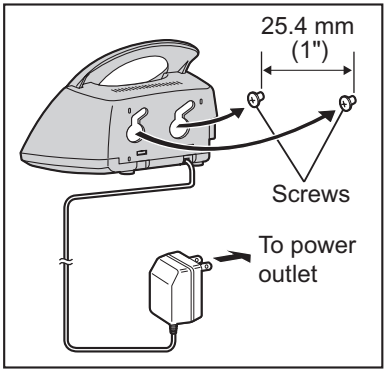
The charger can be wall mounted, as shown below.

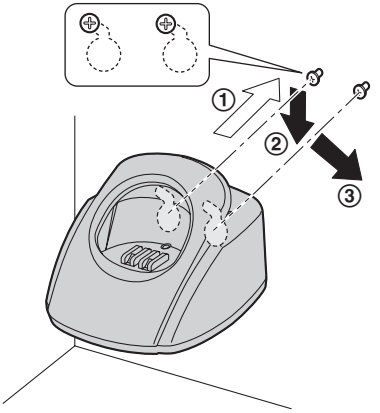
1 Connect the AC adaptor.

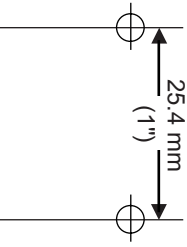
2 Drive the screws (not included) into the wall using the wall mount template (see below).

3 Mount the charger (①).

4 Slide it down (②) and to the right (③) until it is secure.





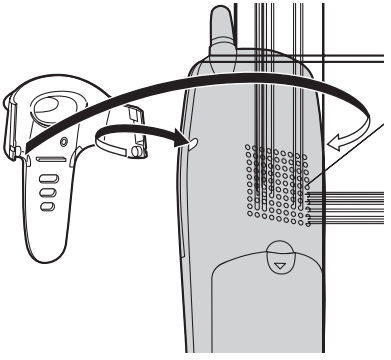


Wall mount template for the charger

Belt clip

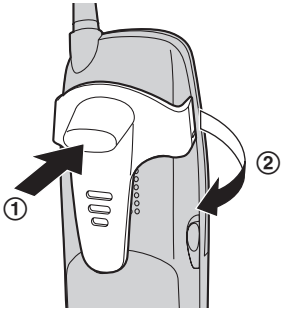
You can hang the handset on your belt or pocket using the included belt clip.

To attach the belt clip



To remove the belt clip

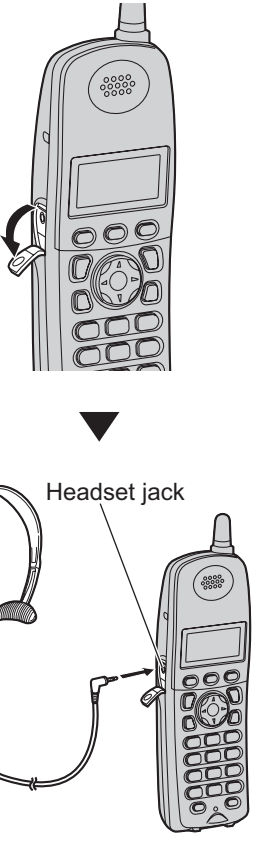
While pressing the top of the clip (①), pull the right edge in the direction of the arrow (②).



Headset (optional)

Connecting an optional headset to the handset allows hands-free phone conversations. Please use only a Panasonic headset. See page 5 for compatible headsets and ordering information.

To connect an optional headset to the handset



- Model shown is KX-TCA86.

Note:

- To switch to the speakerphone, press 【🔊】. To return to the headset, press 【📞】.

Error messages

If the unit detects a problem, one of the following [illegible] will be displayed on the handset.

Display message	Cause & solution
Busy	● The called handset ● The handset you t[illegible]honebook items to is in use. ● The handset you a[illegible]oo far from the base unit.
Error!!	● When you tried to re[illegible]andset, the handset and the base unit could [illegible]some reason, such as interference from ele[illegible]liances. Move the handset and the bas[illegible]y from the electrical appliances and try ag[illegible] ● The other handset trie[illegible]honebook items to you but there was an erro[illegible]e other handset user re-send the items to you[illegible]).
---Incomplete--- **Phonebook full**	● When the phonebook i[illegible]s(were) sent to another handset, the handset's [illegible]ook memory was full and copying stopped. P[illegible]FF】 to exit. Erase items from the other handset'[illegible]book (page 23). When [illegible] 25) or in[illegible]
[illegible]	[illegible]mmunica[illegible]unit, and[illegible]t's AC a[illegible]nas. [illegible] may h[illegible]age 39[illegible]
[illegible]	[illegible]new ite[illegible]page 2[illegible]
[illegible]	[illegible]st is er[illegible]
Ple[illegible] **try a[illegible]**	[illegible]ed wh[illegible]Lift th[illegible]
System is[illegible] **Please try a[illegible]** **later.**	[illegible]nicati[illegible]and t[illegible]Try a[illegible]essag[illegible]

Making/answering calls, Intercom

Problem	Cause & solution
Static is heard, sound cuts in and out. Interference from other electrical units.	● Move the handset and the base unit away from other electrical appliances. ● Move closer to the base unit. ● Raise the base unit antennas. ● Turn on the clarity booster feature (page 20). ● If your unit is connected to a telephone line with DSL service, we recommend connecting a noise filter between the base unit and the telephone line jack. Contact your DSL provider for details.

Phonebook

Problem	Cause & solution
I cannot store an item in the phonebook.	● You cannot store an item in the phonebook while the handset is in talk, speakerphone or intercom mode, or while listening to messages. ● Do not pause for over 1 minute while storing.
While storing an item in the phonebook, the handset starts to ring.	● A call is being received. Answer the call and start again from the beginning after hanging up.
Copying stopped with an item displayed.	● The destination handset may have lost communication with the base unit, or the destination handset user may have pressed 【📞】 or 【🔊】. The displayed phonebook item was not copied to the handset. Press 【**OFF**】. Confirm that the destination handset is in standby mode (i.e., not in use) and try again.
The display exits the phonebook while searching.	● The handset automatically exits after 1 minute of inactivity.

Caller ID

Problem	Cause & solution
The handset does not display the caller's name and/or phone number.	● You have not subscribed to Caller ID service. Contact your telephone company to subscribe. ● If your unit is connected to any additional telephone equipment such as Caller ID box or wireless telephone jack, disconnect the unit from the equipment and plug the unit directly into the wall jack. ● If your unit is connected to a telephone line with DSL service, we recommend connecting a noise filter between the base unit and the telephone line jack. Contact your DSL provider for details. ● The name display service may not be available in some areas. Contact your telephone company for details. ● Other telephone equipment may be interfering with this unit. Disconnect the other equipment and try again. ● The caller requested not to send caller information (page 26). ● If a call is being transferred to you, the caller information will not be displayed. ● Generally caller information is displayed from the 2nd ring.

Problem	Cause & solution
The caller list/incoming phone numbers are not edited automatically.	• The Caller ID number auto edit feature is turned off. Turn it on and try again (page 37). • You need to call back the edited number to activate Caller ID number auto edit.
I cannot dial the phone number edited in the caller list.	• The phone number you dialed might have an incorrect edited pattern (for example, the long distance "1" or the area code is missing). Edit the phone number with another pattern (page 28).
The display exits the caller list while searching.	• The handset automatically exits after 1 minute of inactivity.
The 2nd caller's information is not displayed during an outside call. (The Call Waiting Caller ID (CWID) feature does not function.)	• In order to use Caller ID, Call Waiting, or Call Waiting Caller ID (CWID), you must first contact your telephone company and subscribe to the desired service. After subscribing, you may need to contact your telephone company again to activate this specific service, even if you already subscribed to both Caller ID and Call Waiting with Caller ID services (CWID).

Answering system

Problem	Cause & solution
I cannot listen to messages from a remote location.	• A touch tone phone is required for remote operation. • Press the remote code correctly and press each key firmly (page 48). • The answering system is off. Turn it on (page 49).
"**FULL**" flashes and the ANSWER ON indicator flashes rapidly. No new messages are recorded.	• Message memory is full. Erase unnecessary messages (page 45).
The unit does not record new messages.	• The answering system is turned off. Turn it on (page 44, 49). • The recording time is set to "**Greeting only**". Select "**1min**", "**2min**", or "**3min**" (page 51). • Message memory is full. Erase unnecessary messages (page 45). • If you subscribe to the Voice Mail service, messages are recorded by the telephone company not your telephone. Change the unit's "**Ring count**" setting so that the unit's answering system can answer the call before the Voice Mail service or consult your telephone company (page 50).
I cannot operate the answering system.	• Someone is operating the answering system. • If someone is talking on a conference call, you cannot operate the answering system. Try again later.

Problem	Cause & solution
During message playback, the unit rings and cancels playback.	● A call is being received. Answer the call and start again from the beginning after hanging up.
The message indicator on the handset flashes slowly.	● New messages have been recorded. Listen to the new messages (page 45) or turn the message alert off (page 51).
When you play back messages or turn on the answering system, the base unit and handset announce the day and time incorrectly.	● Set the date and time again (page 16).

Battery charge

Problem	Cause & solution
"**Recharge battery**" is displayed, flashes or the handset beeps intermittently.	● Fully charge the battery (page 11).
"**Charge for 6h**" and are displayed and the handset does not work.	● The battery has been discharged. Fully charge the battery (page 11).
I charged the battery fully, but "**Recharge battery**" is still displayed and/or continues to flash, or "**Charge for 6h**" and are displayed.	● Clean the charge contacts and charge again (page 11). ● The battery may need to be replaced (page 12). If you install a new battery, fully charge it (page 11).
The CHARGE indicator does not go out after the battery has been charged.	● This is normal.
The handset display is blank.	● Confirm that the battery is properly installed. ● Fully charge the battery (page 11).

Power failure

Problem	Cause & solution
The unit will not function.	● This product is not designed to make calls in the event of a power failure. We recommend connecting a standard telephone to the same telephone line in the event that emergency calls need to be made during a power failure (page 9).

FCC and other information

This equipment complies with Part 68 of the FCC rules and the requirements adopted by the ACTA. On the bottom of this equipment is a label that contains, among other information, a product identifier in the format US:ACJ----------. If requested, this number must be provided to the telephone company.

- Registration No .....(found on the bottom of the unit)
- Ringer Equivalence No. (REN).....0.1B

A plug and jack used to connect this equipment to the premises wiring and telephone network must comply with the applicable FCC Part 68 rules and requirements adopted by the ACTA. A compliant telephone cord and modular plug is provided with this product. It is designed to be connected to a compatible modular jack that is also compliant.

The REN is used to determine the number of devices that may be connected to a telephone line. Excessive RENs on a telephone line may result in the devices not ringing in response to an incoming call. In most but not all areas, the sum of RENs should not exceed five (5.0). To be certain of the number of devices that may be connected to a line, as determined by the total RENs, contact the local telephone company. For products approved after July 23, 2001, the REN for this product is part of the product identifier that has the format US:AAAEQ##TXXXX. The digits represented by ## are the REN without a decimal point (e.g., 03 is a REN of 0.3).

If this equipment causes harm to the telephone network, the telephone company will notify you in advance that temporary discontinuance of service may be required. But if advance notice isn't practical, the telephone company will notify the customer as soon as possible. Also, you will be advised of your right to file a complaint with the FCC if you believe it is necessary.

The telephone company may make changes in its facilities, equipment, operations or procedures that could affect the operation of the equipment. If this happens the telephone company will provide advance notice in order for you to make necessary modifications to maintain uninterrupted service.

If trouble is experienced with this equipment, for repair or warranty information, please contact a Factory Servicenter or other Authorized Servicer. If the equipment is causing harm to the telephone network, the telephone company may request that you disconnect the equipment until the problem is resolved.

Connection to party line service is subject to state tariffs. Contact the state public utility commission, public service commission or corporation commission for information.

If your home has specially wired alarm equipment connected to the telephone line, ensure the installation of this equipment does not disable your alarm equipment. If you have questions about what will disable alarm equipment, consult your telephone company or a qualified installer.

This equipment is hearing aid compatible as defined by the FCC in 47 CFR Section 68.316.

When you hold the phone to your ear, noise might be heard in your Hearing Aid. Some Hearing Aids are not adequately shielded from external RF (radio frequency) energy. If noise occurs, use an optional headset accessory or the speakerphone option (if applicable) when using this phone. Consult with your audiologist or Hearing Aid manufacturer about the availability of Hearing Aids which provide adequate shielding to RF energy commonly emitted by digital devices.

WHEN PROGRAMMING EMERGENCY NUMBERS AND(OR) MAKING TEST CALLS TO EMERGENCY NUMBERS:
1) Remain on the line and briefly explain to the dispatcher the reason for the call.
2) Perform such activities in the off-peak hours, such as early morning or late evenings.

The software contained in this equipment to allow user access to the network must be upgraded to recognize newly established network area codes and exchange codes as they are placed into service.

Failure to upgrade the premises systems or peripheral equipment to recognize the new codes as they are established will restrict the customer and the customer's employees from gaining access to the network and to these codes.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Privacy of communications may not be ensured when using this phone.

CAUTION:
Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this device.

NOTE:
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
– Reorient or relocate the receiving antenna.
– Increase the separation between the equipment and receiver.
– Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
– Consult the dealer or an experienced radio/TV technician for help.

Some cordless telephones operate at frequencies that may cause interference to nearby TVs and VCRs. To minimize or prevent such interference, the base of the cordless telephone should not be placed near or on top of a TV or VCR. If interference is experienced, move the cordless telephone further away from the TV or VCR. This will often reduce, or eliminate, interference.

FCC RF Exposure Warning:
This product complies with FCC radiation exposure limits set forth for an uncontrolled environment. To comply with FCC RF exposure requirements the base unit must be installed and operated with its antenna located 20 cm or more between antenna and all person's body (excluding extremities of hands, wrist and feet). The handset unit may be carried and operated with only the specific provided belt-clip. Other non-tested belt-clips or similar body-worn accessories may not comply and must be avoided. The base and handset units must not be co-located or operated in conjunction with any other antenna or transmitter.

Specifications

Base unit

Operating environment:
5 °C – 40 °C (41 °F – 104 °F)

Frequency:
5.76 GHz – 5.84 GHz

Dimensions:
Approx. height 95 mm x width 174 mm x depth 143 mm ($3^{3}/_{4}$" x $6^{27}/_{32}$" x $5^{5}/_{8}$")

Mass (Weight):
Approx. 320 g (0.71 lb.)

Power consumption:
Standby: Approx. 2.3 W
Maximum: Approx. 5.5 W

Power supply:
AC adaptor (120 V AC, 60 Hz)

Handset

Operating environment:
5 °C – 40 °C (41 °F – 104 °F)

Frequency:
5.76 GHz – 5.84 GHz

Dimensions:
Approx. height 173 mm x width 48 mm x depth 33 mm ($6^{13}/_{16}$" x $1^{7}/_{8}$" x $1^{5}/_{16}$")

Mass (Weight):
Approx. 170 g (0.37 lb.)

Power supply:
Ni-MH battery (3.6 V, 830 mAh)

Security codes:
1,000,000

Charger unit

Operating environment:
5 °C – 40 °C (41 °F – 104 °F)

Dimensions:
Approx. height 71 mm x width 88 mm x depth 100 mm ($2^{13}/_{16}$" x $3^{15}/_{32}$" x $3^{15}/_{16}$")

Mass (Weight):
Approx. 110 g (0.24 lb.)

Power consumption:
Standby: Approx. 0.8 W
Maximum: Approx. 3.0 W

Power supply:
AC adaptor (120 V AC, 60 Hz)

Note:

- Design and specifications are subject to change without notice.
- The illustrations in these instructions may vary slightly from the actual product.

Warranty

PANASONIC CONSUMER ELECTRONICS COMPANY, DIVISION OF PANASONIC CORPORATION OF NORTH AMERICA
One Panasonic Way,
Secaucus, New Jersey 07094

PANASONIC PUERTO RICO, INC.
San Gabriel Industrial Park,
Ave. 65 de Infantería, Km. 9.5,
Carolina, Puerto Rico 00985

Panasonic Telephone Products Limited Warranty

Limited Warranty Coverage

If your product does not work properly because of a defect in materials or workmanship, Panasonic Consumer Electronics Company or Panasonic Puerto Rico, Inc. (collectively referred to as "the warrantor") will, for the length of the period indicated on the chart below, which starts with the date of original purchase ("Limited Warranty period"), at its option either (a) repair your product with new or refurbished parts, or (b) replace it with a new or a refurbished product. The decision to repair or replace will be made by the warrantor.

Parts	Labor
One (1) Year	One (1) Year

During the "Labor" Limited Warranty period there will be no charge for labor. During the "Parts" Limited Warranty period, there will be no charge for parts. You must mail-in your product during the Limited Warranty period. This Limited Warranty excludes both parts and labor for batteries, antennas, and cosmetic parts (cabinet). This Limited Warranty only applies to products purchased and serviced in the United States or Puerto Rico. This Limited Warranty is extended only to the original purchaser and only covers products purchased as new.

Mail-In Service

For assistance in the continental U.S.A. in obtaining repairs please ship the product to:

Panasonic Services Company Customer Servicenter
4900 George McVay Drive Suite B Door #12 McAllen, TX 78503

For assistance in Puerto Rico call Panasonic Puerto Rico, Inc. (787)-750-4300 or fax (787)-768-2910.

For Limited Warranty service for headsets if a headset is included with this product please call Panasonic Call Center at 1-800-211-PANA (7262).

When shipping the unit carefully pack, include all accessories, and send it prepaid, adequately insured and preferably in the original carton. Include a letter detailing the complaint and provide a day time phone number where you can be reached.

IF REPAIR IS NEEDED DURING THE LIMITED WARRANTY PERIOD THE PURCHASER WILL BE REQUIRED TO FURNISH A SALES RECEIPT/PROOF OF PURCHASE INDICATING DATE OF PURCHASE, AMOUNT PAID AND PLACE OF PURCHASE. CUSTOMER WILL BE CHARGED FOR THE REPAIR OF ANY UNIT RECEIVED WITHOUT SUCH PROOF OF PURCHASE.

Limited Warranty Limits And Exclusions

This Limited Warranty ONLY COVERS failures due to defects in materials or workmanship, and DOES NOT COVER normal wear and tear or cosmetic damage. The Limited Warranty ALSO DOES NOT COVER damages which occurred in shipment, or failures which are caused by products not supplied by the warrantor, or failures which result from accidents, misuse, abuse, neglect, mishandling, misapplication, alteration, faulty installation, set-up adjustments, misadjustment of consumer controls, improper maintenance, power line surge, lightning damage, modification, introduction of sand, humidity or liquids, commercial use such as hotel, office, restaurant, or other business or rental use of the product, or service by anyone other than a Factory Servicenter or other Authorized Servicer, or damage that is attributable to acts of God.

THERE ARE NO EXPRESS WARRANTIES EXCEPT AS LISTED UNDER "LIMITED WARRANTY COVERAGE". THE WARRANTOR IS NOT LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT, OR ARISING OUT OF ANY BREACH OF THIS LIMITED WARRANTY. (As examples, this excludes damages for lost time, lost calls or messages, cost of having someone remove or re-install an installed unit if applicable, travel to and from the servicer. The items listed are not exclusive, but are for illustration only.) **ALL EXPRESS AND IMPLIED WARRANTIES, INCLUDING THE WARRANTY OF MERCHANTABILITY, ARE LIMITED TO THE PERIOD OF THE LIMITED WARRANTY.**

Some states do not allow the exclusion or limitation of incidental or consequential damages, or limitations on how long an implied warranty lasts, so the exclusions may not apply to you.

This Limited Warranty gives you specific legal rights and you may also have other rights which vary from state to state. If a problem with this product develops during or after the Limited Warranty period, you may contact your dealer or Servicenter. If the problem is not handled to your satisfaction, then write to the warrantor's Consumer Affairs Department at the addresses listed for the warrantor.

PARTS AND SERVICE, WHICH ARE NOT COVERED BY THIS LIMITED WARRANTY, ARE YOUR RESPONSIBILITY.

Customer services

Customer Services Directory

Obtain Product Information and Operating Assistance; locate your nearest Dealer or Servicenter; purchase Parts and Accessories; or make Customer Service and Literature requests by visiting our Web Site at:

http://www.panasonic.com/consumersupport

or, contact us via the web at:

http://www.panasonic.com/contactinfo

You may also contact us directly at: 1-800-211-PANA (7262), Monday-Friday 9 am-9 pm; Saturday-Sunday 10 am-7 pm, EST.

TTY users (hearing or speech impaired users) can call 1-877-833-8855.

Accessory Purchases

Purchase Parts, Accessories and Instruction Books online for all Panasonic Products by visiting our Web Site at:

http://www.pasc.panasonic.com

or, send your request by E-mail to:

npcparts@us.panasonic.com

You may also contact us directly at:
1-800-332-5368 (Phone) 1-800-237-9080 (Fax Only)
(Monday - Friday 9 am to 8 pm, EST.)
Panasonic Services Company
20421 84th Avenue South, Kent, WA 98032
(We Accept Visa, MasterCard, Discover Card, American Express, and Personal Checks)

TTY users (hearing or speech impaired users) can call 1-866-605-1277.

Service in Puerto Rico

Panasonic Puerto Rico, Inc.
San Gabriel Industrial Park, Ave. 65 de Infantería, Km. 9.5,
Carolina, Puerto Rico 00985
Phone (787)750-4300, Fax (787)768-2910

Index

A Accessories: *5*
Answering calls: *18*
Answering system: *43*
Auto talk: *18*, *36*

B Backlit display: *15*
Backlit handset keypad: *15*
Base unit location: *8*
Battery
Charge: *11*
Installation: *10*
Performance: *12*
Replacement: *12*
Strength: *11*
Belt clip: *55*

C Caller ID edit: *37*
Caller ID number auto edit: *28*
Caller ID service: *26*
Caller list
Calling back: *27*
Editing: *28*
Erasing: *29*
Storing: *29*
Viewing: *27*
Call screening: *44*
Call share: *20*
Call Waiting Caller ID: *26*
Call waiting tone: *21*
Chain dial: *24*
Clarity booster: *20*
Conf (Conference): *32*
Conference calls: *32*
Controls: *13*
Copy phonebook: *24*, *25*
Customer support: *40*

D Date and time: *16*
Dialing mode: *38*
Display
Base unit: *15*
Handset: *15*
Display language: *38*

E Erasing all messages: *45*, *46*, *48*
Erasing a message: *45*, *46*, *48*
Error messages: *56*
Extension number: *31*

F FCC and other information: *63*
Flash button: *21*
Flash time: *38*
Function menu
Direct commands: *41*
Table: *33*

G Greeting message: *43*

H Handset locator: *30*
Headset, optional: *55*
Hold: *19*

I Installation
AC adaptor: *9*
Base unit: *9*
Charger unit: *9*
Telephone line cord: *9*
Intercom
Call: *30*
Paging: *30*
Interrupt tone: *36*

K Key tone: *39*

L LCD contrast: *38*
Light-up ID: *27*
Line mode: *39*
Listening to messages
Base unit: *45*
Handset: *46*
Touch tone phone: *48*

M Making calls: *17*
Memory capacity: *47*
Message alert: *51*
Microphone
Base unit: *43*
Handset: *17*
Mute: *19*

N Navigator key: *14*
Noise: *8*

P Pause: *21*
Phonebook
Adding: *22*
Calling: *23*
Copying: *24*, *25*
Editing: *23*
Erasing: *23*
Names: *22*
Power failure: *9*, *16*, *62*
Pulse service: *21*

R Recording time: *51*
Redial: *17*

Redial list: *18*
Registration: *39*
Remote code: *49*
Remote operation: *48*
Ring count: *50*
Ringer
Tone: *35*
Volume: *35*
Ringer ID: *26*
Ringer off: *18*, *35*
Rotary service, tone dialing: *21*

S Safety instructions: *6*
Soft keys: *15*
Specifications: *66*
SP-phone: *17*

T Time adjustment: *40*
Toll saver: *50*
Transferring a call: *31*
Troubleshooting
Answering system: *60*
Battery charge: *61*
Caller ID: *59*
General use: *57*
Making/answering calls, Intercom: *58*
Phonebook: *59*
Power failure: *62*
Programmable settings: *57*
TTY: *5*

V VE (voice enhancer): *20*
Voice enhancer: *20*, *37*
Voice guidance: *46*, *48*
Volume control
Base unit: *45*
Handset receiver: *17*
Handset speaker: *17*

W Wall mounting
Base unit: *52*
Charger unit: *54*
Warranty: *67*

If you need assistance with setup or operation;

1 Visit our website: http://www.panasonic.com/consumersupport

2 Contact us via the web at: http://www.panasonic.com/contactinfo

3 Call us at: 1-800-211-PANA (7262)
TTY users (hearing or speech impaired users) can call 1-877-833-8855.

When you ship the product;

- Carefully pack your unit, preferably in the original carton.
- Attach a letter, detailing the symptom, to the outside of the carton.
- Send the unit to Panasonic Services Company Customer Servicenter, prepaid and adequately insured.
- Do not send your unit to Panasonic Consumer Electronics Company listed below or to executive or regional sales offices. These locations do not repair consumer products.

- This cordless telephone is designed for use in the United States of America. Sale or use of this product in other countries may violate local laws.
- Ce téléphone sans fil est conçu pour être utilisé aux États-Unis d'Amérique. La vente ou l'emploi de cet appareil dans certains autres pays peut constituer une infraction à la législation locale.
- Este teléfono inalámbrico fue elaborado para uso en los Estados Unidos de América. La venta o el empleo de este producto en ciertos países puede constituir violación de la legislación local.
- このコードレス電話機は、日本国外での使用を目的として設計されており、日本国内での使用は法律違反となります。従って、当社では日本国内においては原則として修理などのサービスは致しかねます。

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